

Title (en)

Device and method for control of a working fluid in a closed Rankine cycle

Title (de)

Vorrichtung und Verfahren zur Regelung eines Arbeitsmittels in einem geschlossenen Rankine-Prozess

Title (fr)

Dispositif de contrôle du fluide de travail circulant dans un circuit fermé fonctionnant selon un cycle de Rankine et procédé pour un tel dispositif

Publication

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Application

**EP 10290224 A 20100428**

Priority

FR 0902316 A 20090513

Abstract (en)

[origin: US2010287920A1] The present invention relates to a device for controlling the working fluid circulating in a closed circuit (10) operating according to a Rankine cycle, said circuit comprising a heat exchanger (22) for evaporation of said fluid, swept by a hot fluid (Ch) from a hot source (28), expansion means (30) for expanding the fluid in vapour form, a cooling exchanger (40) swept by a cold fluid (Fr) for condensation of the fluid in vapour form, and a circulation and compression pump (12) for the fluid in liquid form. According to the invention, the device comprises means (54) of managing the mass of fluid contained in circuit (10).

IPC 8 full level

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